Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 15 May 2023 until 23:59 on Tuesday 16 May 2023

Forecast Issued on Monday 15 May 2023 at 02:03

Confidence: High confidence for mostly fine, dry and settled conditions this week, with some chilly nights. Lower confidence in regards to the shower details.

Headline for Monday 15 May 2023: A mixture of sunny spells and well-scattered showers, locally heavy with a low risk of thunder. Windy on the peaks and feeling chilly.

Mountain weather hazards on Monday 15 May 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny intervals	Cloudy	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
<05%	10%	20%	30%	20%	<05%

Forecast for Monday 15 May 2023

Weather: A chilly start, though dry and largely sunny. Some fair weather cloud will bubble up in the morning, leading to a mixture of sunny spells and scattered showers in the afternoon, some of which could become heavy with the odd rumble of thunder. However, showers will be well scattered and it'll be a fine day overall, some places remaining dry throughout. Any showers will fade into the evening to leave dry and clear conditions.

Chance of cloud-free hill tops above 600m: 90% initially but becoming rapidly 100%.

Low cloud and visibility: Some patchy low cloud possible at first, with bases as low as 600m, rapidly rising above summits. Visibility will be very good or excellent, with distant hills and peaks clearly visible, temporarily reducing to mediocre in any afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 15 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/22 NW	16/22 N	15/21 NW	14/21 N	15/21 NW	10/17 NW	8/12 W
300	13/17 NW	14/21 NW	14/20 NW	14/21 NW	14/21 NW	7/14 NW	6/10 W
Valley	9/19 NW	12/21 NW	12/21 NW	12/22 NW	10/19 NW	5/12 NW	4/8 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	6/2	8/5	8/5	7/3	6/3	5/2
300	6/2	9/6	11/8	11/8	10/7	8/6	7/5
Valley	7/4	10/8	12/10	13/10	10/8	8/7	6/5
Freezing Level*	900m	1000m	1100m	1200m	1300m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chilly over the summits at first but the sun will soon become strong, with moderate to locally high UV levels so extra protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 15 May 2023	0.2mm	0.2mm	0.2mm

Forecast for Tuesday 16 May 2023

Weather: Dry with clear skies overnight and feeling chilly. Tuesday morning will be dry with lengthy spells of sunshine, after a chilly start. However, turning increasingly cloudy from the north, although this will break up to give a mixture of sunny spells and scattered showers in the afternoon. Some of the showers are likely to be locally heavy and possibly thundery in places. Any showers fading by the evening, with clear spells developing.

Maximum wind: Northwesterly 15-20 mph, gusting to 25-30mph. Added wind chill on the summits.

Chance of cloud-free hill tops above 600m: 100% throughout, reducing to 60% in any showers during the afternoon.

Low cloud and visibility: Cloud bases will be mostly above the summits throughout, perhaps a temporary lowering in any heavy showers, probably close to the summits. Visibility should be very good, although temporarily reducing to poor conditions in any heavy showers during the afternoon.

Temperature: **Valleys:** Plus 4 Celsius, becoming Plus 16 Celsius.
At 600m: Plus 2 Celsius, becoming Plus 8 Celsius.
Freezing level: Above the summits.

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